

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claims 1 – 22 (cancelled)

Claim 23 (new): A gasket for a fuel battery wherein a pair of parallel electrodes clamp an electrolyte membrane portion in between through the gasket that is secured in grooves formed in two opposing inner surfaces of the electrodes in the battery, the gasket comprises:

a first gasket lip made of a liquid rubber hardened material and adapted to be secured in a groove formed in one of said electrodes, said first gasket lip including a base portion having a rectangular shape in cross section and adapted to fit in said one groove and a first sealing portion having a given shape in cross section and projected outward from said base portion; and

a second gasket lip made of a liquid rubber hardened material and adapted to be secured in a groove formed in the other electrode, said second gasket lip including a base portion having a rectangular shape in cross section and adapted to fit in the groove in the other electrode and a second sealing portion having a given shape in cross section and projected outward from said base portion;

wherein said first and second sealing portions are arranged to oppose each other in said fuel battery to clamp said electrolyte membrane portion in between.

Claim 24 (new): The gasket for a battery according to claim 23, wherein said first sealing portion has a chevron shape in cross section and said second sealing portion has a trapezoidal shape in cross section.

Claim 25 (new): The gasket for a fuel battery according to claim 23, wherein said first and second sealing portions have trapezoidal shapes in cross section.

Claim 26 (new): The gasket for a fuel battery according to claim 23, wherein said first and second sealing portions are provided at positions shifted from the centers in the width direction of said base portions.

Claim 27 (new): A gasket for a fuel battery wherein a substrate adapted to fit in the fuel battery, said substrate having two opposite surfaces with a pair of grooves, each surface having one groove, said grooves being connected with each other through a connection hole in the substrate, and said gasket being secured in said grooves, said gasket comprises:

a first gasket lip made of a liquid rubber hardened material and adapted to be secured in a groove formed in one of said substrate surfaces, said first gasket lip including a base portion having a rectangular shape in cross section and adapted to fit in said one groove and a first sealing portion having a given shape in cross section and projected outward from said base portion; and

a second gasket lip made of a liquid rubber hardened material and adapted to be secured in a groove formed in the other substrate surface, said second gasket lip including a base portion having a rectangular shape in cross section and adapted to fit in the groove in the other substrate surface and a second sealing portion having a given shape in cross section and projected outward from said base portion; and

a coupling portion adapted to be secured in said connection hole in said substrate for interconnecting said first and second gasket lips, said coupling portion being made of the same material as those of said first and second gasket lips.

Claim 28 (new): The gasket for a fuel battery according to claim 27, wherein said first and second sealing portions are provided at positions shifted from the centers in the width direction of said base portions.

Claim 29 (new): The gasket for a fuel battery according to claim 27, wherein said first and second sealing portions have chevron shapes in cross section.

Claim 30 (new): A method of forming a gasket for a fuel battery, comprising the steps of:

forming a groove in each of two opposing inner surfaces of a pair of electrodes to be arranged parallel to each other in a fuel battery;

disposing one of said pair of electrodes in a first mold;

forming a first gasket lip by injecting a liquid rubber hardened material into the groove in one of said electrodes;

forming on said first gasket lip a base portion having a rectangular shape in cross section and adapted to fit in the groove in said one electrode and a first sealing portion having a given shape in cross section and projected outward from said base portion;

disposing the other of said pair of electrodes in a second mold;

forming a second gasket lip by injecting a liquid rubber hardened material into the groove in the other electrodes;

forming on said second gasket lip a base portion having a rectangular shape in cross section and adapted to fit in the groove in the other electrode and a second sealing portion having a given shape in cross section and projected outward from said base portion; and

providing gaps in said first and second molds before injecting so as to evacuate and thereafter clamping said molds so as to injection-mold said first and second gasket lips.

Claim 31 (new): The method of forming a gasket for a fuel battery according to claim 30, wherein said first sealing portion has a chevron shape in cross section and said second sealing portion has a trapezoidal shape in cross section.

Claim 32 (new): The method of forming a gasket for a fuel battery according to claim 30, where said first and second sealing portions have trapezoidal shapes in cross section.

Claim 33 (new): The method of forming a gasket for a fuel battery according to claim 30, wherein said first and second portions are provided at positions shifted from the centers in the width direction of said base portions.

Claim 34 (new): The method of forming a gasket for a fuel battery according to claim 30, further comprising the step of providing a projection on a groove in one of said pair of electrodes.

Claim 35 (new): A method of forming a gasket for a fuel battery, comprising the steps of:

forming a groove on each of two opposite surfaces of a substrate adapted to fit in a fuel battery;

forming a connection hole in said substrate between said grooves to connect said grooves with each other;

disposing said substrate in a mold;

forming a first gasket lip, a second gasket lip, and a coupling portion by injecting a liquid rubber hardened material into said grooves and connection hole in said substrate;

forming on said first gasket lip a base portion having a rectangular shape in cross section and adapted to fit in the grooves in the one surface of said substrate and a first sealing portion having a given shape in cross section and projected outward from said base portion;

forming on said second gasket lip a base portion having a rectangular shape in cross section and adapted to fit in the groove in the other surface of said substrate and a second sealing portion having a given shape in cross section and projected outward from said base portion; and

providing a gap in said mold before injecting so as to evacuate and thereafter clamping said mold so as to injection-mold said first and second gasket lips.

Claim 36 (new): The method of forming a gasket for a fuel battery according to claim 35, wherein said first and second sealing portions are provided at positions shifted from the centers in the width direction of said base portions.

Claim 37 (new): The method of forming a gasket for a fuel battery according to claim 35, wherein said first and second sealing portions have chevron shapes in cross section.

Claim 38 (new): The method of forming gasket for a fuel battery according to claim 35, wherein said connection hole is provided at a position corresponding to a material injection gate in said mold and a diameter of said connection hole is set to be larger than a diameter of said material injection gate.

Claim 39 (new): A gasket for a fuel battery characterized in that a gasket lip made of a liquid rubber hardened material is integrally formed in a surface of a carbon plate or a groove portion applied to said surface.

Claim 40 (new): A gasket for a fuel battery characterized in that a gasket lip made of a liquid rubber hardened material is integrally formed in a surface of a graphite plate or a groove portion applied to said surface.